

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

ATTORNEY DOCKET NO. 10021234-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
**TUNNEL-JUNCTION STRUCTURE INCORPORATING N-TYPE LAYER COMPRISING NITROGEN
AND A GROUP VI DOPANT**

the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as US Application Serial No. or PCT International Application
Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: <input type="checkbox"/> NO: <input type="checkbox"/>
			YES: <input type="checkbox"/> NO: <input type="checkbox"/>

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number

02287

Place Customer
Number Bar Code
Label here

Send Correspondence to:
AGILENT TECHNOLOGIES, INC.
Legal Department, DL 429
Intellectual Property Administration
P.O. Box 7599
Loveland, Colorado 80537-0599

Direct Telephone Calls To:
Michael J. Tempel OR
678-420-9300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued hereon.

Full Name of Inventor: Michael Howard Leary

Citizenship: USA

Residence: 33 Annie Laurie Avenue, Mountain View, California 94304

Post Office Address: n/a

Inventor's Signature

Date

12 Oct 2003

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION (Continued)**

ATTORNEY DOCKET NO. 10021234-1

Full Name of #2 joint Inventor: Danny E. Mars
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Post Office Address: n/a

Citizenship: USA

Danny E. Mars 10/8/2003
Inventor's Signature Date

Full Name of #3 joint Inventor: Sungwon David Roh
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Citizenship: USA

Sungwon David Roh 10/13/2003
Inventor's Signature Date

Full Name of #4 joint Inventor: Danielle R. Chamberlin
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Danielle R. Chamberlin 10/8/2003
Inventor's Signature Date

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Citizenship: USA

Ying-Lan Chang 10/8/2003
Inventor's Signature Date

Full Name of #6 joint Inventor: _____
Residence: _____
Post Office Address: _____

Citizenship: _____

Inventor's Signature

Date

Full Name of #7 joint Inventor: _____
Residence: _____
Post Office Address: _____

Citizenship: _____

Inventor's Signature

Date

Full Name of #8 joint Inventor: _____
Residence: _____
Post Office Address: _____

Citizenship: _____

Inventor's Signature

Date

Full Name of #9 joint Inventor: _____
Residence: _____
Post Office Address: _____

Citizenship: _____

Inventor's Signature

Date